

SWBAT: describe charged objects

Jan 4-7:20 AM

# Welcome!!!

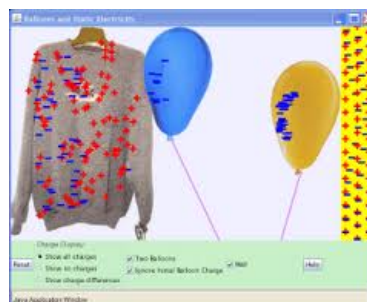
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Centering

SECA Physics  
Tuesday 4 February 2014

\* Pick up:

- slip of paper (for later)
- computer: get logged in
- get out packet from yesterday



Opening question:

What happened to the wall when the balloon came near?

Sep 7-7:04 AM

### Conservation of Charge

means that the total charge STAYS the SAME

Electrons are only **transferred**

you can't just get more charge from nothing

### Three ways to "charge" something:

- Friction = rubbing
- Contact = transfer by touching (but no rubbing)
- Induction = electrons rearranging on a conductor because of nearby charges

Feb 3-7:13 AM

### Let's explore this some more:

- \*Check out a computer
- \*Log in
- \*Google "phet balloons" & pick 1st choice
- \*Work your way through the packet

### Catchy Physics Phrases

Feb 3-7:31 AM

CP Hmwk: #39 --or-- #41 from sheet

## Daily 3 Questions

- \* Every day except test/project days
- \* 3 Questions on the topics of the day
- \* Main source of daily points
- \* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. If you transfer electrons **from** your hair onto a comb, are **you** positively or negatively charged?

2. Which type of charging involves rubbing electrons from one object onto another?

- a. friction
- b. contact
- c. induction

3. Which type of charging happened when John touched the doorknob?

- a. friction
- b. contact
- c. induction

Feb 1-7:52 AM